

00/01/00  
jc920 U.S.  
PTO

09-05-00

Attorney Docket No.: UIZ-038  
Page 1 of 2

Customer No. 000959

Case Docket No. UIZ-038

jc836 U.S. PTO  
09/01/00jc836 U.S. PTO  
09/01/00THE ASSISTANT COMMISSIONER FOR PATENTS  
Patent Application  
Washington, D.C. 20231

"Express Mail" Mailing Label Number EL 373209892 US

Date of Deposit September 1, 2000

I hereby certify that this transmittal letter and the papers referred to as being enclosed therein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Signature

Larry Taylor

Please Print Name of Person Signing

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Marvin Whiteley, Kimberly M. Lee, E. Peter Greenberg, Ute Muh

For: QUORUM SENSING SIGNALING IN BACTERIA

Enclosed are:

 This is a request for filing an application under 37 CFR 1.53(b). 54 pages of specification, 10 pages of claims, 1 page of abstract. 13 sheets of informal drawings (Figures 1-9, 10A, 10B, 11, 12). An unexecuted Declaration, Petition and Power of Attorney. 24 pages of sequence listing (numbered 1- 24) Transmittal Letter for Diskette of Sequence Listing. Diskette Containing Sequence Listing. The filing fee has been calculated as shown below:

(Col. 1)	(Col. 2)
FOR:	NO. FILED
BASIC FEE	//////////
TOTAL CLAIMS	91-20
INDEP. CLAIMS	9 - 3
<input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED	

\* If the difference in Col. 2 is less than zero,  
enter "0" in Col. 2.

SMALL ENTITY	
RATE	FEES
//////////	\$ 345
x 9=	\$ 639
x 39	\$ 234
+130	\$ 130
TOTAL	\$1348.00

OTHER THAN SMALL ENTITY	
RATE	FEES
//////////	\$
x 18=	\$
x 78	\$
+260	\$
TOTAL	\$ .00

 Please charge my Deposit Account No. in the amount of \$.  
A duplicate copy of this sheet is enclosed. **FILING FEES ARE NOT BEING PAID AT THIS TIME.** The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No..  
A duplicate copy of this sheet is enclosed. Any additional filing fees required under 37 C.F.R. 1.16.  
 Any patent application processing fees under 37 C.F.R. 1.17. The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No..  
A duplicate copy of this sheet is enclosed.

- Any patent application processing fees under 37 C.F.R. 1.17.
- The issue fee set in 37 C.F.R. 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).
- Any filing fees under 37 C.F.R. 1.16 for presentation of extra claims.

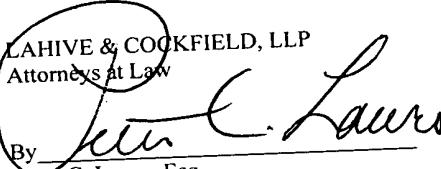
A check in the amount of \$ \_\_\_\_\_ to cover the recording of assignment documents is also enclosed.

Address all future communications (May only be completed by applicant, or attorney or agent of record) to Elizabeth A. Hanley, Esq. at Customer Number: 000959 whose address is:

Lahive & Cockfield, LLP  
28 State Street  
Boston, Massachusetts 02109

Date: September 1, 2000

LAHIVE & COCKFIELD, LLP  
Attorneys at Law

By   
Peter C. Lauro, Esq.  
Reg. No. 32,360  
28 State Street  
Boston, MA 02109  
(617) 227-7400  
Telecopier (617) 742-4214

000959-00000000000000000000000000000000